

This listing of claims will replace all prior versions, and listings, of claims in our amendments or responses to Office actions.

**Listing of Claims:**

Claims 1-40 (cancelled)

Claim 41 (previously amended) An isolated soluble cytokine complex comprising the mature forms of SEQ ID NO: 2 and SEQ ID NO: 12.

Claim 42 (previously presented). The cytokine complex of claim 41, wherein the cytokine complex binds to a receptor complex comprising human CTNF-R, human gp130, and human LIF-R.

Claim 43 (previously presented). The cytokine complex of claim 41, wherein the cytokine complex is attached to at least one detection tag.

Claim 44 (previously presented). The cytokine complex of claim 43, wherein the detection tag is selected from the group consisting of FLAG, His6, and Ig domain.

Claim 45 (previously presented). A kit comprising the cytokine complex of Claim 41, wherein the kit contains:

- a) a compartment comprising the cytokine complex; and
- b) instructions for use or disposal of reagents in the kit.

Claims 46-47 (canceled)

Claim 48 (previously amended). The cytokine complex of claim 41, wherein the cytokine complex induces neuromodulators selected from the group consisting of

cholecystokinin (CCK), vasoactive intestinal polypeptide (VIP), substance P (SP), and somatostatin (SOM).

Claim 49. (previously presented) A composition comprising the cytokine complex of claim 41 and an aqueous carrier.

Claim 50. (previously presented) An isolated soluble cytokine fusion protein comprising a mature form of SEQ ID NO: 2 fused to a mature form of SEQ ID NO: 12.

Claim 51. (previously presented) The cytokine fusion protein of claim 50, wherein the cytokine complex binds to a receptor complex comprising human CTNF-R, human gp130, and human LIF-R.

Claim 52. (previously presented) The cytokine fusion protein of claim 50, wherein the cytokine complex is attached to at least one detection tag.

Claim 53. (previously presented) The cytokine fusion protein of claim 52, wherein the detection tag is selected from the group consisting of FLAG, His6, and Ig domain.

Claim 54. (previously presented) A kit comprising the cytokine fusion protein of Claim 50, wherein the kit contains:

- a) a compartment comprising the cytokine fusion protein; and
- b) instructions for use or disposal of reagents in the kit.

Claim 55. (previously presented) A composition comprising the cytokine fusion protein of claim 50 and an aqueous carrier.

Claim 56 (previously presented). The cytokine complex of claim 50, wherein the cytokine fusion protein induces neuromodulators selected from the group consisting of

Appl. No. 10/778,002  
Amdt. dated December 19, 2007  
Reply to Office action of September 12, 2007

cholecystokinin (CCK), vasoactive intestinal polypeptide (VIP), substance P (SP), and somatostatin (SOM).

Claims 57-62 (canceled)